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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XIII, No. 7 McKEE PRINT July, 1965

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July 1965, averaged 91,547 barrels daily, an increase of 2,736 barrels from the average June production of 88,811.

The nine refineries in state processed 92,957 barrels of crude oil daily for the month of July, 1965, a decrease of 113 barrels from the 93,070 barrels processed daily during the month of June, 1965.

During July, 54 wells were completed, 13 oil, 0 gas wells and 41 dry holes.

During July, the commission issued 56 permits to drill new wells, an increase of 11 from 45 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA
MONTH OF JULY, 1965

IN STORAGE JULY 1st:	
By Producers	353,225
By Transporters	1,100,388
By Refiners	612,787
TOTAL STORAGE	2,066,400
Produced in Montana During Month	2,837,959
Imported During Month	1,944,458
TOTALS	6,848,817
DISPOSITION:	
Refined in Montana	2,881,686
Exported	1,906,472
Used for Fuel or Lost	14,726
TOTAL	4,802,884
IN STORAGE JULY 31st:	
By Producers	365,703
By Transporters	1,067,458
By Refiners	612,772
TOTAL STORAGE	2,045,933

NATURAL GAS WITHDRAWALS IN MONTANA
Month of July, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	32,308
Bowdoin	61,580
Bowes	59,069
Cabin Creek	91,585
Cedar Creek	183,628
Cut Bank (Including Reagan)	651,942
Devon	8,324
Dry Creek	55,663
Elk Basin	20,327
Flat Coulee	1,144
Gold Butte	7,734
Golden Dome	0
Grandview	19,270
Hardin	3,647
Keith Block	221,317
Kevin Sunburst	98,813
Middle Butte	8,884
Mt. Lilly	22,586
Pine	63,768
Plevna	15,257
Utopia	579
Whitlash	123,713
Miscellaneous	33,374
TOTAL	1,784,512

Total withdrawals for July, 1964 were 1,401,740 M Cu. Ft.

PRODUCERS REPORT—MONTH OF JULY, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	432	2,607	.....	2,685	.....	354
5	Bannatyne	9	1,339	951	.....	1,326	.....	964
1	Bascom	1	238	136	194	.....	.....	180
5	Bear's Den	6	1,553	2,119	.....	1,925	.....	1,747
1	Belfry	1	76	212	.....	194	.....	94
1	Benrud	1	438	2,871	2,873	.....	.....	436
1	Benrud East	1	697	12,221	12,194	.....	.....	724
1	Benrud Northeast	1	680	15,191	15,196	.....	.....	675
8	Big Wall	22	2,914	15,652	15,947	.....	.....	2,619
5	Blackfoot	8	1,562	5,868	2,144	3,312	.....	1,974
....	Bloomfield	....	414	.....	.....	.....	.....	414
1	Border	1	11	448	.....	448	.....	11
1	Bowes	52	2,603	13,832	10,216	.....	.....	6,219
2	Bradley	2	1,341	1,136	1,250	.....	.....	1,227
1	Brady	3	.....	435	435	.....	.....	.....
1	Bynum	1	.....	166	.....	.....	.....	166
2	Cabin Creek	110	6,350	276,626	276,536	.....	.....	6,440
14	Cat Creek	88	3,246	15,266	16,133	.....	.....	2,379
1	Clark's Fork	1	109	161	.....	140	.....	129
....	Clark's Fork North	....	303	.....	.....	.....	.....	303
3	Conrad South	3	638	1,232	1,232	.....	.....	638
1	Cupton	1	1,888	825	.....	814	.....	1,899
171	Cut Bank	1,095	105,337	269,187	260,357	6,069	.....	108,098
3	Deer Creek	3	1,548	3,924	4,146	.....	.....	1,326
1	Delphia	1	224	758	.....	791	.....	191
2	Devil's Basin	4	941	975	.....	776	.....	1,140
....	Dry Creek	....	76	.....	.....	.....	.....	76
15	Dwyer	16	7,533	35,425	35,628	.....	.....	7,330
8	Elk Basin	66	3,549	287,520	288,314	.....	.....	2,755
1	Elk Basin Northwest	1	2,861	1,347	.....	2,737	.....	1,471
3	Fertile Prairie	3	621	2,685	833	1,389	.....	1,084
24	Flat Coulee	30	3,896	31,882	28,115	855	.....	6,808
24	Flat Lake	24	16,451	100,243	99,821	.....	2	16,871
2	Frannie	2	.....	1,413	1,413	.....	.....	.....
20	Fred & George Creek	33	829	143,170	140,423	680	.....	2,896
1	Gage	1	87	178	178	.....	.....	87
1	Gage Southwest	1	79	159	.....	.....	.....	238
4	Gas City	27	7,450	53,330	50,343	2,515	.....	7,922
7	Glendive	11	2,228	32,821	22,640	11,044	.....	1,365
13	Goose Lake	15	5,030	46,483	48,013	.....	.....	3,500
7	Graben Coulee	12	3,872	6,207	5,253	1,397	.....	3,429
....	Grandview	....	112	.....	.....	.....	.....	112
4	Gypsy Basin	5	3,391	1,001	876	175	.....	3,341
1	Hibbard	1	572	350	.....	801	.....	121
8	Ivanhoe	14	2,546	24,940	24,942	.....	60	2,484
9	Keg Coulee	22	4,193	26,517	25,641	.....	6	5,063
2	Keg Coulee North	2	816	4,612	4,807	.....	.....	621
149	Kevin Sunburst	735	17,236	41,495	42,226	.....	.....	16,505
2	Little Beaver	24	3,071	23,784	23,679	203	.....	2,973
3	Little Beaver East	17	2,841	15,948	17,259	.....	.....	1,530
2	Lodge Grass	2	608	1,993	.....	2,029	.....	572
2	Lone Tree	3	1,071	5,759	.....	5,991	.....	839
26	Lookout Butte	71	3,711	122,158	122,463	.....	.....	3,406
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	608	3,412	3,357	.....	.....	663
2	Melstone	5	1,158	3,042	3,509	.....	.....	691
1	Mineral Bench	1	627	2,887	3,075	.....	.....	439
6	Monarch	14	3,645	15,415	16,139	.....	.....	2,921
4	Mosser	9	.....	789	.....	789	.....	.....
....	Musselshell	....	146	.....	.....	.....	.....	146
7	Outlook	12	6,232	34,642	32,395	.....	.....	8,479
2	Outlook South	2	1,624	2,731	3,055	.....	.....	1,300
64	Pennel	110	3,224	200,694	199,815	.....	.....	4,103
4	Pine	129	14,263	354,450	354,318	.....	.....	14,395
4	Pole Creek	7	734	4,536	.....	4,005	.....	1,265
63	Pondera	290	7,906	30,060	29,970	.....	.....	7,996
2	Pondera Coulee	2	.....	434	434	.....	.....	.....
5	Poplar East	78	11,390	86,863	81,938	.....	36	16,279
4	Poplar Northwest	5	1,691	1,769	1,328	.....	.....	2,132
6	Ragged Point	16	1,732	7,071	5,280	.....	112	3,411
3	Reagan	42	2,543	17,861	17,592	.....	.....	2,812
1	Red Creek	31	623	28,449	28,653	.....	.....	419
1	Redstone	1	460	948	1,139	.....	.....	269
1	Repeat	1	477	608	.....	1,005	.....	80
5	Richey	5	3,025	1,176	2,137	.....	.....	2,064
6	Richey Southwest	7	3,226	11,832	.....	11,912	.....	3,146
4	Sand Creek	5	.....	7,823	7,823	.....	.....	.....
1	Shotgun Creek	1	300	968	.....	955	.....	313
4	Sidney-Brorson	4	2,058	1,816	.....	1,984	.....	1,890
2	Snyder	4	1,297	1,082	.....	1,121	.....	1,258
5	Soap Creek	9	4,193	5,878	.....	5,732	.....	4,339
2	Spring Lake	3	3,212	6,891	.....	6,573	.....	3,530
2	Stensvad	23	4,929	41,615	42,577	.....	.....	3,967
27	Sumatra	83	11,350	81,456	80,390	.....	.....	12,416
5	Tule Creek	7	3,126	40,412	.....	41,027	.....	2,511
2	Tule Creek East	2	1,707	38,207	30,726	7,512	.....	1,676
1	Tule Creek South	1	859	6,255	.....	6,205	.....	909
2	Vida	2	1,158	3,111	.....	2,717	.....	1,552
4	Volt	4	2,426	15,688	15,747	.....	.....	2,367
4	Weldon	11	4,574	93,019	.....	92,303	.....	5,290
14	Whitlash	36	8,863	2,959	.....	3,046	.....	8,776
1	Whitlash West	1	140	407	.....	407	.....	140
2	Wills Creek South	2	1,958	8,384	9,185	.....	.....	1,157
9	Wolf Springs	16	4,469	13,251	12,714	.....	.....	5,006
4	Woodrow	5	705	4,539	4,660	.....	.....	584
....	Wildcat, Carbon Cty	....	50	.....	.....	.....	.....	50
1	Wildcat, Glacier Cty	1	136	310	.....	.....	.....	446
860		3,546	353,225	2,837,959	2,589,676	235,589	216	365,703

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,647,498	83,965	30,604,009	83,846
First Quarter, 1965	7,583,264	84,258	7,566,682	84,074
Second Quarter, 1965	7,921,981	87,054	7,941,312	87,267
July, 1965	2,837,959	91,547	2,825,265	91,137

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1964	369,139	933,819	508,411	1,811,369
First Quarter, 1965	376,346	986,628	704,702	2,067,676
Second Quarter, 1965	353,225	1,100,388	612,787	2,066,400
July, 1965	365,703	1,067,458	612,772	2,045,933

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF JULY, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,685		43		2,642		
BANNATYNE—Truck			1,326			1,326			
BEAR'S DEN—Truck			1,925					1,925	
BELFRY—Truck			194				194		
BIG WALL—Continental Pipeline Co.		15,948				15,948			
BLACKFOOT—									
Union Oil Co.		2,144				2,144			
Thompson Crude Purchasing			3,312					3,312	
		2,144	3,312			2,144		3,312	
BORDER—Truck			448				448		
BOWES—Texaco Inc.		10,216				10,216			
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	297,939	744,659	130,107	718,469			1,559,640		331,534
Shell Pipeline Co.	4,092	333,246		234	469			333,935	3,168
	302,031	1,077,905	130,107	718,703	469		1,559,640	333,935	334,702
CAT CREEK—Continental Pipeline Co.		14,540				14,540			
CLARK'S FORK—Truck			140				140		
CUT BANK—									
Darling Gathering System, Inc.	2,507	14,644						11,810	5,341
Continental Pipeline Co.			9,176	347,144		356,320			
Phillips Petroleum Co.	99,463	61,573		17,660	(410)	96,504			82,602
Texas Pipeline Co.	21,421	51,983		18,569	536			69,605	21,832
Union Oil Co.	50,578	106,042		12,173	1,326	106,039			61,428
Western Oil Transportation Co.	55,445	28,655		35,317	286			75,765	43,366
	229,414	262,897	9,176	430,863	1,738	558,863		157,180	214,569
DELPHIA—Truck			791			791			
DEVIL'S BASIN—Truck			776			776			
DWYER—Portal Pipeline Co.		35,723					35,723		
ELK BASIN—Marathon Pipeline Co.		287,956				287,956			
ELK BASIN NORTHWEST—Truck			2,737				2,737		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	26,444						26,444	3,000
FLAT LAKE—Portal Pipeline Co.		97,430					97,430		
FRANNIE—Interstate Pipeline Co.		1,413					1,413		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	24,748	134,184				35,102		107,062	16,768
GAGE—Continental Pipeline Co.		178				178			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,368	45,959			(61)			43,050	12,338
GOOSE LAKE—Portal Pipeline Co.		47,617					47,617		
HIBBARD—Truck			801			801			
IVANHOE—Continental Pipeline Co.		24,505				24,505			
KEG COULEE—									
Continental Pipeline Co.		31,156				31,156			
KEVIN SUNBURST—									
Big West Oil Co.	2,686	44,706				43,903			3,489
Homestake Oil & Gas. Co.	664	2,323		11,810		11,456			3,341
Texas Pipeline Co.	10,896	14,319						18,569	6,646
	14,246	61,348		11,810		55,359		18,569	13,476
LODGE GRASS—McWood Corp.			2,029			2,029			
LONE TREE—Truck			5,991				5,991		
MASON LAKE—									
Continental Pipeline Co.		3,357						3,357	
MELSTONE—Continental Pipeline Co.		3,509				3,509			
MOSSER—Truck			789				789		
POLE CREEK—Truck			4,005				4,005		
PONDERA—Phillips Petr. Co.	46,698	31,535			(727)	41,162			37,798
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	9,123	235,991			(1,326)			220,657†	25,783
RAGGED POINT—									
Continental Pipeline Co.		5,707				5,707			
RED CREEK—									
Western Oil Transportation Co.		33,233			332			32,901	
SHOTGUN CREEK—Truck			955				955		
SIDNEY-BRORSON—McWood Corp.	18,422		1,984	5,086				10,132	15,360
SNYDER—Truck			1,121			1,121			
SOAP CREEK—McWood Corp.	1,245		5,732	1,707		7,656			1,028
SPRING LAKE—Truck			6,573				6,573		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	432,863	124,727		359,658	13,174	101,072		411,735	391,267
TULE CREEK—Tesoro Petr. Corp.	9,230		48,539					56,400	1,369
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		8,613				8,613			
Thompson Crude Purchasing			3,453			3,453			
		8,613	3,453			12,066			
WOLF SPRINGS—									
Continental Pipeline Co.		12,530				12,530			
TOTALS	1,100,388	2,636,765	235,589	1,527,827	13,642	1,226,513	1,766,297	1,426,659	1,067,458

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JULY, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				15,948						15,948
Bowes			3,742							3,742
Cat Creek				3,995		2,283				6,278
Cut Bank							96,474		95,961	192,435
Delphia						768				768
Devil's Basin						632				632
Dry Creek						173				173
Elk Basin		105,009		69,844	113,102					287,955
Fred & George Creek	35,102									35,102
Gage						552				552
Hibbard						667				667
Ivanhoe					24,505					24,505
Keg Coulee				31,156						31,156
Kevin Sunburst	55,359									55,359
Lodge Grass		2,029								2,029
Melstone				3,509						3,509
Pondera							41,032			41,032
Ragged Point		5,707								5,707
Red Creek					37,511					37,511
Richey Southwest						766				766
Snyder		1,121								1,121
Soap Creek		7,656								7,656
Sumatra & Stensvad		18,483		82,589						101,072
Tule Creek								56,400		56,400
Whitlash									12,066	12,066
Wolf Springs					13,012					13,012
Wildcat Wells						75				75
Total Montana Oil	90,461	140,005	3,742	207,041	188,130	5,916	137,506	56,400	108,027	937,228
Canadian Oil Imported		344,463							2,681	347,144
Wyoming Oil Imported		416,062		348,181	830,979	2,092				1,597,314
Total Montana, Canadian & Wyoming Oil	90,461	900,530	3,742	555,222	1,019,109	8,008	137,506	56,400	110,708	2,881,686

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
July, 1964	32,996	8,749	47,011	88,756
July, 1965	30,233	11,198	51,526	92,957

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1964	38.40%	12.51%	49.09%
July, 1964	37.17%	9.87%	52.96%
July, 1965	32.52%	12.06%	55.42%